

LaHarpe Telephone Company

Field Test Results

September 8, 2015

MRL

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1. METHODOLOGY

On September 8, 2015, a field trip was made to the LaHarpe Telephone exchange to identify additional locations where KwiKom Communications could not provide internet service. The SSIDs and transmitter (Tx) frequency from multiple KwiKom locations were identified. This information was used to determine if a KwiKom signal was present at potential customer locations that were tested.

A Ubiquiti PowerBeam M2 was used for scanning SSIDs in the 2.4GHz band. A Ubiquiti NanoBridge M5 was used for scanning SSIDs in the 5GHz band with channels ranging from 5.16GHz to 5.84GHz. The Ubiquiti NanoBridge M5 was selected for testing because it is the same model that KwiKom uses as the customer premise equipment (CPE) for providing service. The Ubiquiti PowerBeam M2 was selected because it is the successor to the Ubiquiti NanoBridge M2 that was identified as the CPE used by KwiKom to provide service.

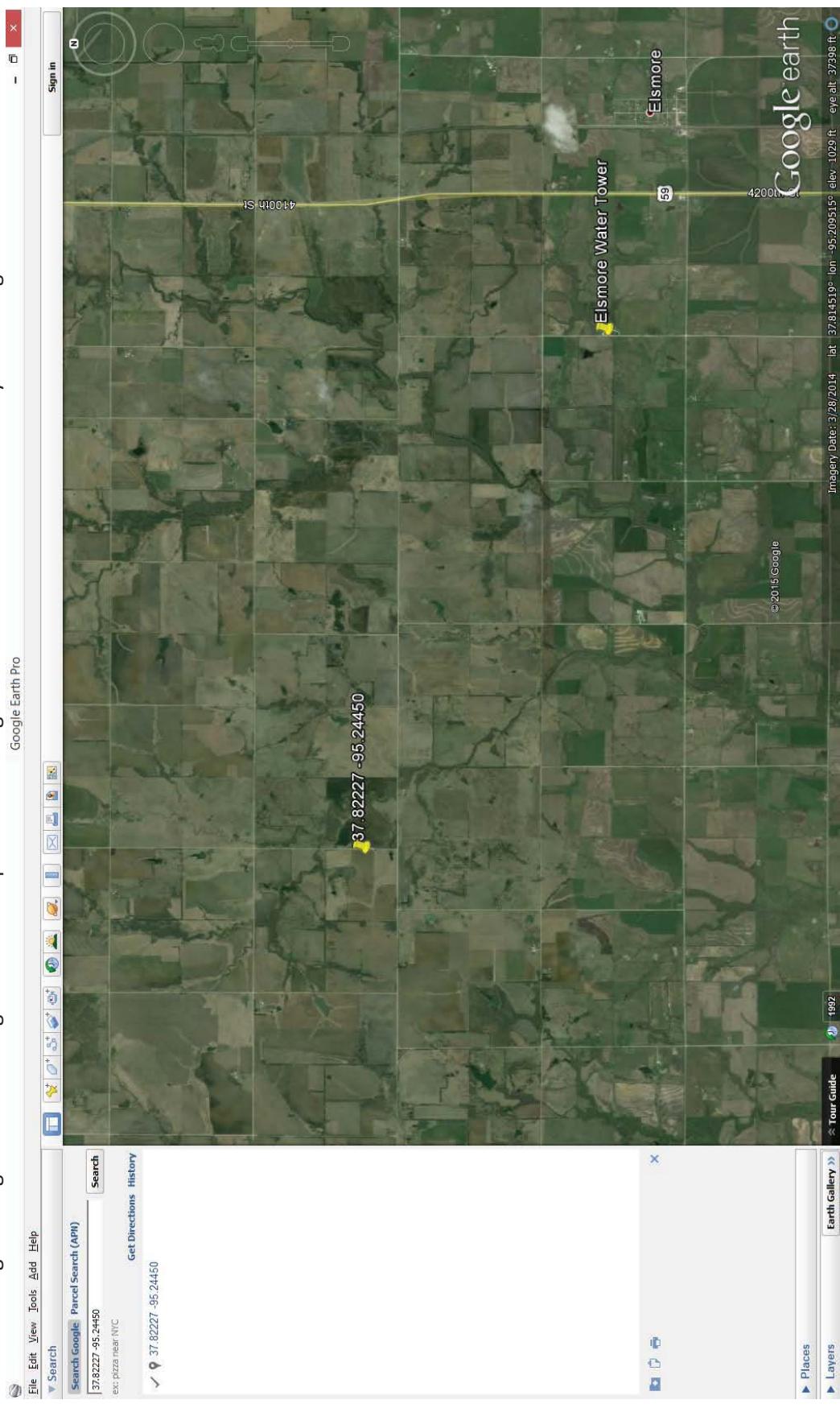
Either the Ubiquiti PowerBeam M2 or the Ubiquiti NanoBridge M5 was mounted to a twenty (20) foot fiberglass pole supported against the ground near the home while using the built-in "Site Survey" feature in the web graphical user interface (GUI) to display the SSIDs captured at that location. Scans were performed multiple times while making minor adjustments to the azimuth of the CPE to ensure that no SSIDs were visible. Once testing was completed with the first CPE, it was removed and the same method was repeated for the second one. Screenshots were taken to show the results.

The encryption type of the SSIDs that were found had been hidden to protect anyone that might have been found running an open wireless network. The encryption of the wireless network does not relate to whether or not KwiKom can provide service to a customer.

1.1. ELSMORE WATER TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the Elsmore Water Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs mounted on the twenty foot fiberglass.



The following page contains a picture of the CPE mounted on a fiberglass pole pointing toward the Elsmore Water Tower. This picture also serves as a reference of how testing was performed at potential customer locations.



09/08/2015 10:35 AM

Below are the results from scanning using the Ubiquiti PowerBeam M2 CPE mounted at the top of a 20' fiberglass pole. No KwikKom SSIDs were identified.

The screenshot shows a Mozilla Firefox browser window with the title "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool". The main content area displays a table of scanned wireless networks. The table has columns for MAC Address, SSID, Device Name, Encryption, Signal / Noise, dBm, and Frequency, GHz / Channel. Two rows are visible in the table:

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
B4:75:0E:97:E8:71	Trena			-87 / -89	2.462 / 11
B4:75:0E:97:E8:73	Trena-guest			-87 / -89	2.462 / 11

Below the table, there is a "Scan" button. On the left side of the page, there are links for "Site Survey" and "Scanned Frequencies".

Below are the results from scanning using the Ubiquiti NanoBridge M5 CPE mounted at the top of a 20' fiberglass pole. A Kwikom SSID was identified.

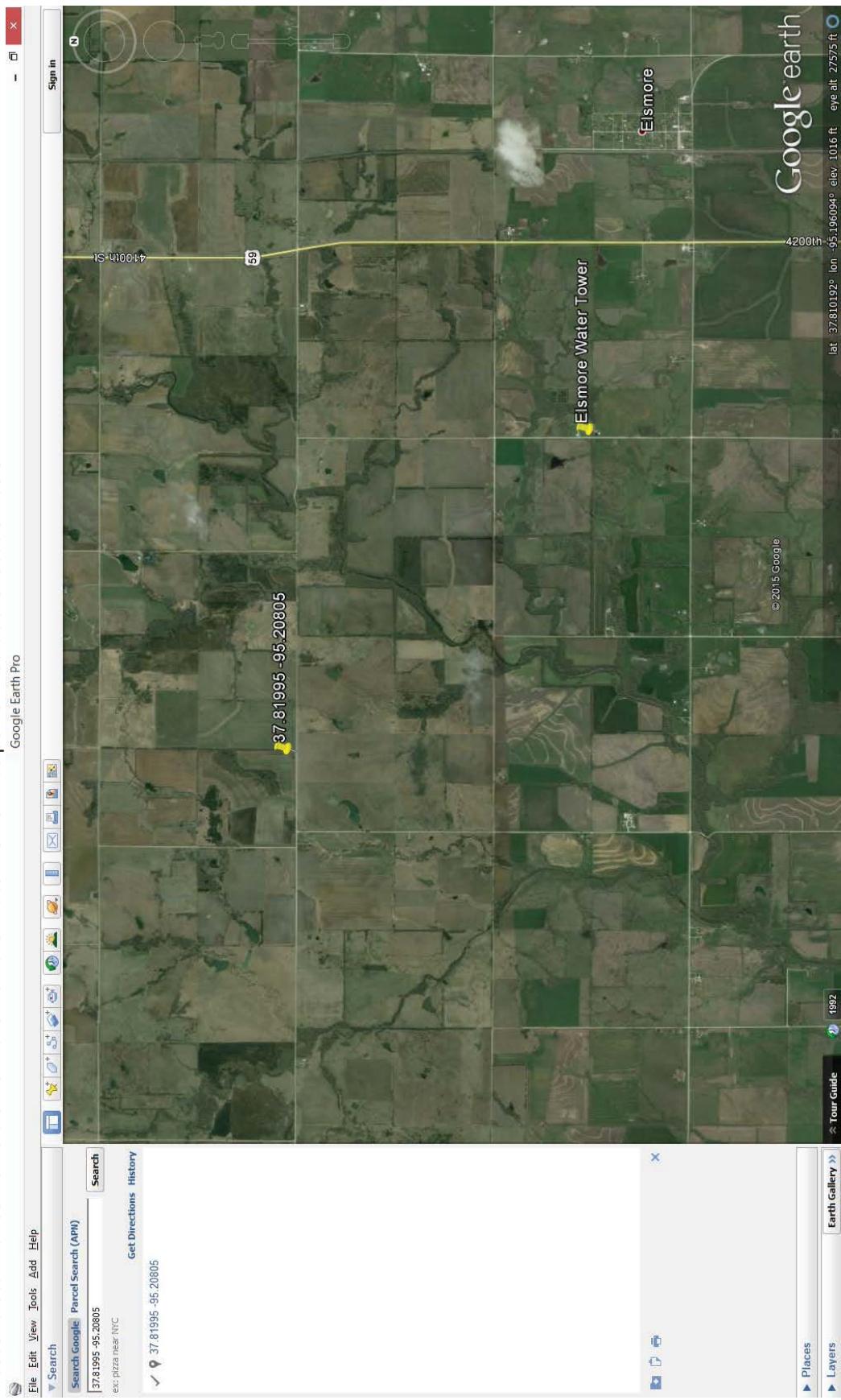
The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey" and includes a "Scanned Frequencies" section listing various 5GHz bands. Below this is a table with columns: MAC Address, SSID, Device Name, Radio Mode, Encryption, Signal / Noise, dBm, and Frequency, GHz / Channel.

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:0C:42:05:65:4D	kwi-els-oden-cr1-bh	000C4205654D	802.11a		-87 / -92	5.28 / 56

A "Scan" button is located in the bottom right corner of the survey interface.

A second scan for SSIDs visible from the Elsmore Water Tower was performed at the location below.



Below are the results from scanning using the Ubiquiti NanoBridge M5 CPE pointing toward the Elsmore Water Tower. The CPE was held in position standing in the back of a pickup at 8' above the ground. Several KwikKom SSIDs were identified.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey". It includes a "Scanned Frequencies" section listing various frequency ranges from 5.16GHz to 5.83GHz. Below this is a table showing nearby Wi-Fi networks:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:0C:42:1F:35:0E	vogel-elsmore-bh	000C421F350E	802.11a	[redacted]	-89 / -96	5.785 / 157
02:0C:42:1F:35:0E	kwi-elsmore-5ghz-ap-e	000C421F350E	802.11a	[redacted]	-89 / -96	5.785 / 157
00:0C:42:26:DD:73	elsmore-baker	00156D53404C	802.11a	[redacted]	-90 / -96	5.765 / 153

A "Scan" button is located at the bottom right of the table area.

Below is an additional screenshot of a scan where an additional SSID was found while pointing toward the Elsmore Water Tower. Several Kwikom SSIDs were identified.

The screenshot shows a network scan results page from the NanoBridge M5 Site Survey tool. The browser title bar reads "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar shows the URL <https://192.168.1.20/survey.cgi?mode=tool>. The main content area displays a table of scanned frequencies and a list of detected SSIDs.

Scanned Frequencies:

- 5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz
- 5.235GHz 5.24GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.5GHz
- 5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.56GHz 5.565GHz 5.57GHz
- 5.575GHz 5.58GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz
- 5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.815GHz 5.82GHz 5.825GHz
- 5.83GHz 5.835GHz 5.84GHz

Site Survey

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:0C:42:1F:35:0E	vogel-elsmore-bh	000C421F350E	802.11a	[REDACTED]	-90 / -96	5.785 / 157
00:0C:42:26:DD:73	elsmore-baker	00156D53404C	802.11a	[REDACTED]	-89 / -96	5.765 / 153
02:0C:42:1F:35:0E	kwi-elsmore-5ghz-ap-e	0000C421F350E	802.11a	[REDACTED]	-89 / -96	5.785 / 157
00:27:22:18:96:C9	kwi-shaw-5.4ap-n	Shaw 5.4AP Nor	802.11n airMAX	[REDACTED]	-89 / -89	5.5 / 100

Scan

Below is a screenshot of the scan results while pointing the CPE southwest at this location. The scan was performed while the CPE was 8' above the ground. A KwIKom SSID was identified.

The screenshot shows a Mozilla Firefox browser window titled "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar displays the URL <https://192.168.1.20/survey.cgi?mode=tool>. The main content area is a table titled "Site Survey" with the following data:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:27:22:18:96:C9	kwi-shaw-5.4ap-n	Shaw 5.4AP Nor	802.11n airMAX		-85 / -90	5.5 / 100

Below the table, there is a "Scanned Frequencies:" list containing the following entries:

- 5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.23GHz
- 5.235GHz 5.24GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.5GHz
- 5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.56GHz 5.565GHz 5.57GHz
- 5.575GHz 5.58GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz
- 5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz
- 5.83GHz 5.835GHz 5.84GHz

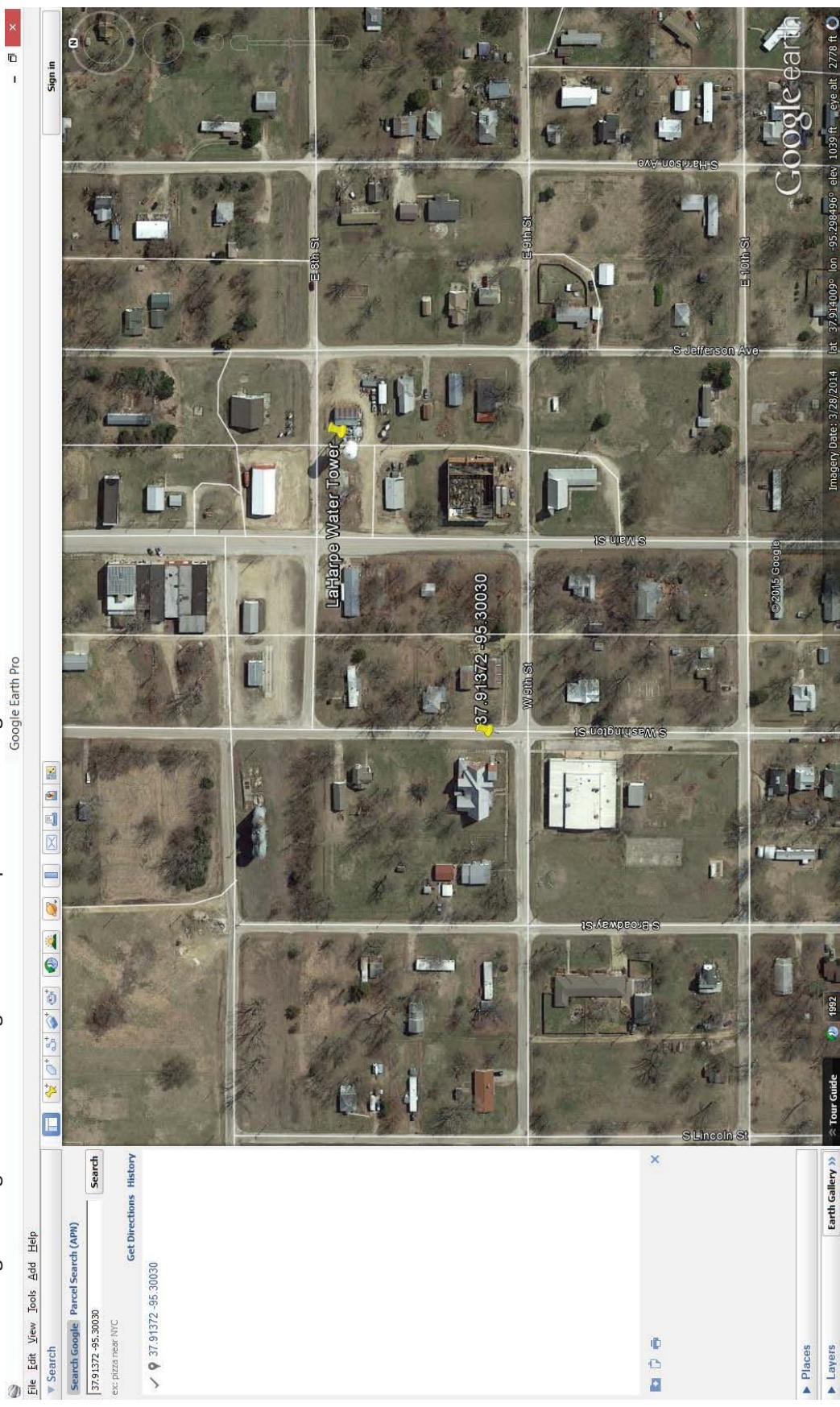
A blue "Scan" button is located at the bottom right of the table area.

No SSIDs resulted from scans using the PowerBeam M2 pointing toward the Elsmore Water Tower. The CPE was 8' above the ground when the scan was performed.

1.2. LAHARPE WATER TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the LaHarp Water Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs.



Below are the results of scanning 2.4GHz with Ubiquiti PowerBeam M2 looking toward LaHarpe Water Tower. The CPE was held 5' above ground level when the scanning was performed. No KwiKom SSIDs were identified.

[PowerBeam M2 400] - Site Survey - Mozilla Firefox

https://192.168.1.20/survey.cgi?mode=tool

Site Survey

Scanned Frequencies:
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:15:6D:9C:B8:28		oak		-93 / -96	2.432 / 5
00:12:17:1B:22:64	Not Yours			-91 / -96	2.437 / 6
00:1D:7E:4F:A9:31	linksys			-94 / -96	2.437 / 6
08:BD:43:CD:56:ED	NETGEAR02			-92 / -96	2.412 / 1
14:CC:20:63:48:DE	Wright_Wireless			-68 / -86	2.437 / 6
B0:C7:45:6E:12:8C	HobbitRealm			-90 / -96	2.457 / 10
04:A1:51:1E:58:20	NETGEAR36			-91 / -96	2.462 / 11
94:44:52:3D:2C:E9	LCO			-88 / -96	2.437 / 6
04:18:D6:90:43:E2	Maynard_Wireless	AirGateway LR		-85 / -86	2.437 / 6

Scan

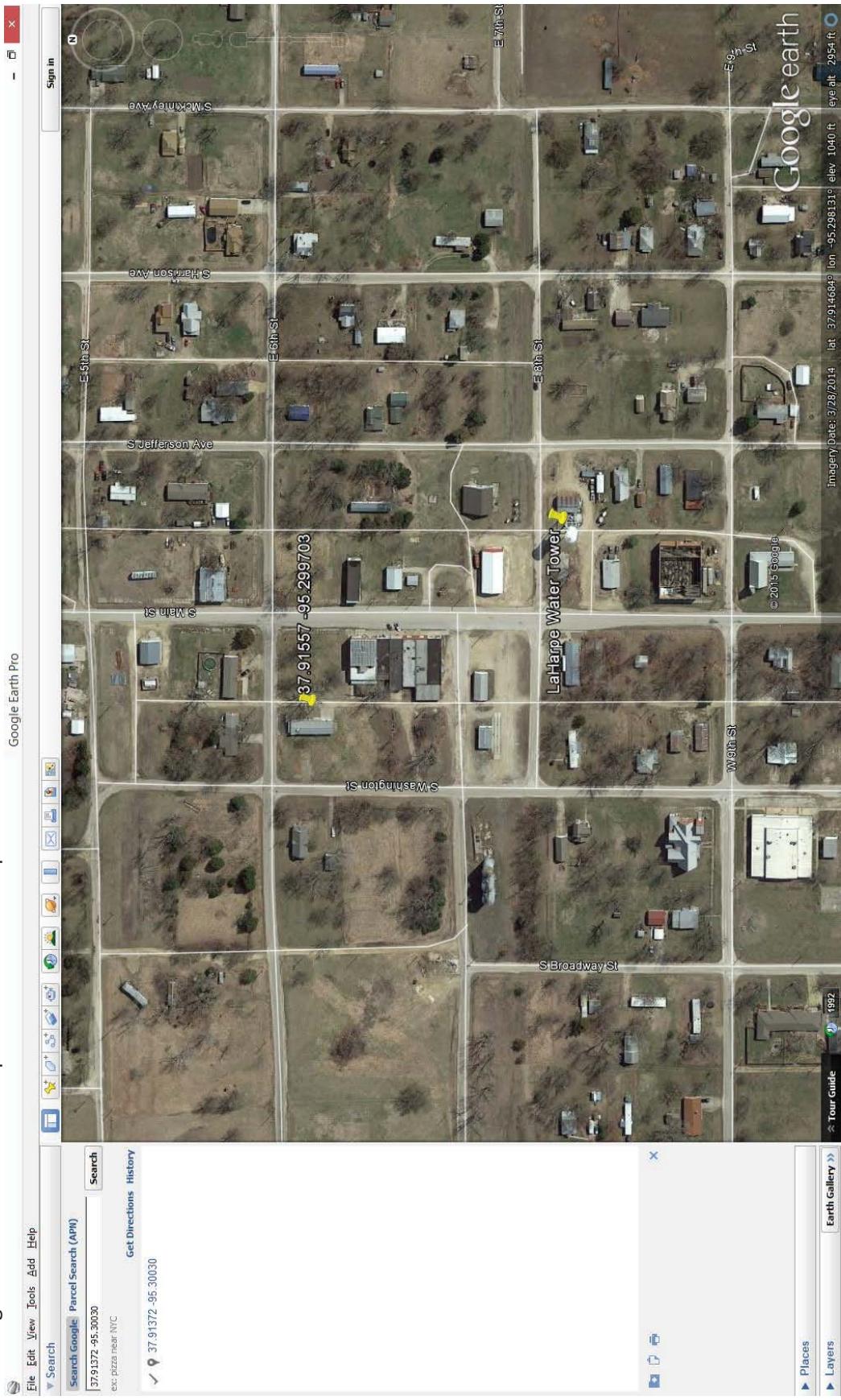
Below is another screenshot of a scan using the PowerBeam M2. No KwikKom SSIDs were identified.

The screenshot shows a network site survey interface. At the top, there are browser control buttons for back, forward, and close. Below that is a URL bar with the address <https://192.168.1.20/survey.cgi?mode=tool>. The main title is "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". On the left, there's a sidebar with "Site Survey" and "Scanned Frequencies: 2.41GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz". The main content area displays a table of scanned networks:

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
E4:8D:8C:86:4F:85	MikroTik-864F85	E48D8C864F85		-68 / -96	2.412 / 1
00:15:6D:9C:B8:28		oak		-92 / -96	2.432 / 5
2E:24:81:BA:A2:FC				-90 / -96	2.437 / 6
00:1D:7E:4F:A9:31	linksys			-93 / -96	2.437 / 6
4C:5E:0C:D0:38:A9	Emma	4C5E0CD038A9		-78 / -96	2.412 / 1
00:26:F2:C1:2C:DC	Sandra-pc-wireless			-92 / -96	2.412 / 1
94:10:3E:AD:98:62	belkin.862			-77 / -85	2.437 / 6
E4:F4:C6:12:17:B9	NETGEAR42			-79 / -89	2.462 / 11
14:CC:20:4B:E3:B8	Hansen_Wireless			-89 / -96	2.437 / 6
30:B5:C2:F5:4A:D0	Nelson_Quarry			-91 / -96	2.437 / 6
08:BD:43:CD:56:ED	NETGEAR02			-88 / -89	2.412 / 1

On the right side of the table, there is a "Scan" button.

Scanning for SSIDs from the LaHarpe Water Tower was performed at a second location shown below.



Below are two screenshots from scans performed using the PowerBeam M2 pointing at the LaHarpe Water Tower. The CPE was held 4' above ground level. No KwiKom SSIDs were identified.

Site Survey

Scanned Frequencies:
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
4C:5E:0C:D0:38:A9	Emma	4C5E0CD038A9		-75 / -96	2.412 / 1
00:26:F2:C1:2C:DC	Sandra_pc-wireless			-92 / -96	2.412 / 1
94:10:3E:AD:88:62	belkin_862			-79 / -86	2.437 / 6
E4:F4:C6:12:17:B9	NETGEAR42			-80 / -89	2.462 / 11
14:CC:20:4B:E3:B8	Hansen_Wireless			-89 / -96	2.437 / 6
30:B5:C2:F5:4A:D0	Nelson_Quarry			-91 / -96	2.437 / 6
08:BD:43:CD:56:ED	NETGEAR02			-91 / -96	2.412 / 1
02:15:99:9A:E5:2A	DIRECT-1ESCX-3400mhgb			-87 / -89	2.462 / 11
14:CC:20:63:48:DE	Wright_Wireless			-91 / -96	2.437 / 6
98:FC:11:79:E5:7B	QuickTiger			-92 / -96	2.437 / 6
C4:6E:1F:96:A9:B0	Kams_Wireless			-93 / -96	2.412 / 1
94:10:3E:FB:EF:F8	belkin_ff8			-91 / -96	2.437 / 6
C4:04:15:3A:C4:15	SKYNET			-92 / -96	2.452 / 9
E4:8D:8C:86:4F:85	MikroTik-864F85			-69 / -96	2.412 / 1
2E:24:81:BA:A2:FC				-86 / -89	2.437 / 6
00:1D:7E:4F:A9:31	linksys			-93 / -96	2.437 / 6
98:FC:11:79:E5:7C	QuickTiger-guest			-92 / -96	2.437 / 6

Scan

[PowerBeam M2 400] - Site Survey - Mozilla Firefox

https://192.168.1.20/survey.cgi?mode=tool

Scanned Frequencies:
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz

MAC Address	SSID	Device Name	Encrypt	Signal / Noise, dBm	Frequency, GHz / Channel
2E:24:81:BA:A2:FC				-90 / -96	2.437 / 6
98:FC:11:79:E5:7C	QuickTiger-guest			-90 / -96	2.437 / 6
B4:75:0E:28:64:A1	belkin_49e_guests			-88 / -90	2.427 / 4
00:1D:7E:4F:A9:31	linksys			-92 / -96	2.437 / 6
4C:5E:0C:D0:38:A9	Emma	4C5E0CD038A9		-74 / -96	2.412 / 1
94:10:3E:AD:88:62	belkin_862			-62 / -87	2.437 / 6
E4:F4:C6:12:17:B9	NETGEAR42			-80 / -90	2.462 / 11
14:CC:20:4B:E3:B8	Hansen_Wireless			-91 / -96	2.437 / 6
30:B5:C2:F5:4A:D0	Nelson_Quarry			-87 / -87	2.437 / 6
08:BD:43:CD:56:ED	NETGEAR02			-92 / -96	2.412 / 1
02:15:99:9A:E5:2A	DIRECT-tESCX-3400mhgb			-87 / -90	2.462 / 11
98:FC:11:79:E5:7B	QuickTiger			-85 / -87	2.437 / 6
C4:6E:1F:96:A9:B0	Kams_Wireless			-87 / -89	2.412 / 1
C4:04:15:3A:C4:15	SKYNET			-87 / -88	2.452 / 9
C6:04:15:3A:C4:16	SKYNET-Guest			-86 / -88	2.452 / 9
64:70:02:EB:6C:38	TP-LINK_EB6C38			-91 / -96	2.432 / 5
6C:B0:CE:AB:70:91	NETGEAR84			-92 / -96	2.462 / 11
60:A4:4C:29:51:70	ASUS			-92 / -96	2.462 / 11
00:26:F2:C1:2C:DC	Sandra-pc-wireless			-89 / -89	2.412 / 1
C4:E9:84:87:5A:B2	JPeres_Wireless			-92 / -96	2.437 / 6
B4:75:0E:28:64:9E	belkin_49e			-96 / -96	2.427 / 4
E0:91:F5:EE:A2:66	Mariah			-93 / -96	2.412 / 1

Scan

At this same location, scans for SSIDs were performed using the NanoBridge M5. The CPE was held 4' above the ground. Several Kwikom SSIDs were identified.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool". The main content area is titled "Site Survey" and contains a table with the following data:

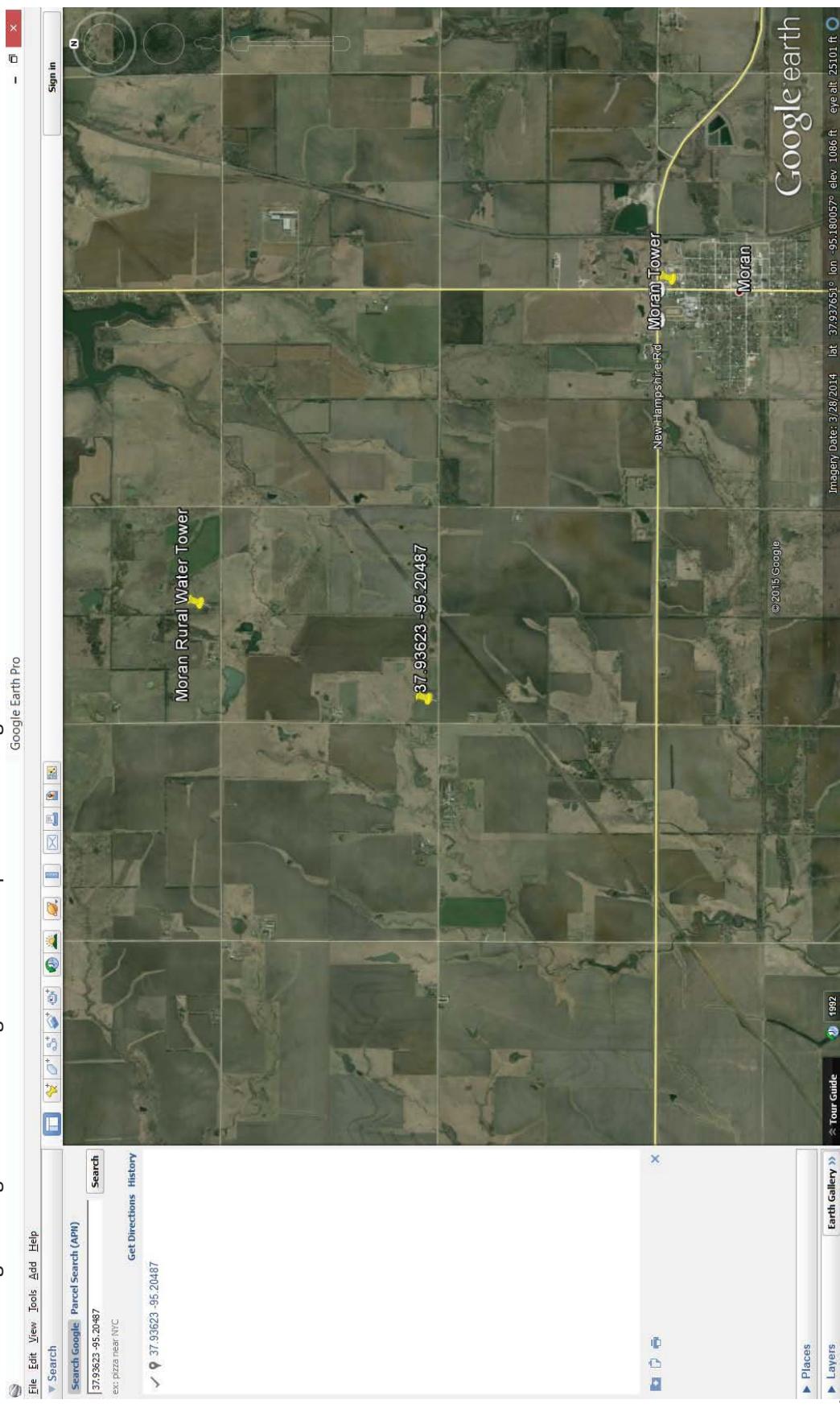
MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:27:22:44:8A:19	kwi-laharpe-5-4ap-n	Laharpe 5.4AP	802.11n	airMAX	-60 / -89	5.315 / 63
00:27:22:14:B4:21	kwi-laharpe-5-4ap-e	Laharpe 5.4AP	802.11n	airMAX	-76 / -85	5.67 / 134
24:A4:3C:F0:52:5D	kwi-laharpe-5-4ap-sw	Laharpe 5.4 AP	802.11n	airMAX	-51 / -86	5.735 / 147
E4:F4:C6:12:17:B8	NETGEAR42-5G		802.11ac		-91 / -96	5.765 / 153

Below the table is a "Scan" button. The left side of the page has a sidebar with the heading "Scanned Frequencies:" followed by a long list of frequency ranges: 5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz 5.235GHz 5.24GHz 5.245GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.5GHz 5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.56GHz 5.565GHz 5.57GHz 5.575GHz 5.58GHz 5.585GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz 5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz 5.83GHz 5.835GHz 5.84GHz

1.3. MORAN RURAL WATER TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the Moran Rural Water Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs.



The NanoBridge M5 was used to scan the 5GHz band looking for SSIDs while pointing the CPE toward the Moran Rural Water Tower. Below is a screenshot of the SSID captured from a scan. The SSID found is assumed to be a Kwikom SSID.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey". It includes a section titled "Scanned Frequencies:" followed by a long list of frequencies in GHz:

```
5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz  
5.235GHz 5.24GHz 5.245GHz 5.25GHz 5.255GHz 5.26GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.325GHz 5.33GHz 5.335GHz 5.34GHz 5.345GHz 5.35GHz 5.355GHz 5.36GHz 5.365GHz 5.37GHz 5.375GHz 5.38GHz 5.385GHz 5.39GHz 5.395GHz 5.4GHz 5.405GHz 5.41GHz 5.415GHz 5.42GHz 5.425GHz 5.43GHz 5.435GHz 5.44GHz 5.445GHz 5.45GHz 5.455GHz 5.46GHz 5.465GHz 5.47GHz 5.475GHz 5.48GHz 5.485GHz 5.49GHz 5.495GHz 5.5GHz 5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.555GHz 5.56GHz 5.565GHz 5.57GHz 5.575GHz 5.58GHz 5.585GHz 5.59GHz 5.595GHz 5.6GHz 5.605GHz 5.61GHz 5.615GHz 5.62GHz 5.625GHz 5.63GHz 5.635GHz 5.64GHz 5.645GHz 5.65GHz 5.655GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.705GHz 5.71GHz 5.715GHz 5.72GHz 5.725GHz 5.73GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz 5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz 5.83GHz 5.835GHz 5.84GHz
```

Below this is a table with columns: MAC Address, SSID, Device Name, Radio Mode, Encryption, Signal / Noise, dBm, and Frequency, GHz / Channel. One row is visible:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
DC:9F:DB:30:7B:49	elsmore-moran2	Moran PWWSD -	802.11n airMAX		-89 / -92	5.5 / 100

A "Scan" button is located at the bottom right of the main content area.

The PowerBeam M2 was used to scan for SSIDs in the 2.4GHz band while pointing the CPE toward the Moran Rural Water Tower. The CPE was held in the back of a pickup 7' above the ground. No KwiKom SSIDs were identified. Based on the MAC address, the SSID found is a Belkin wireless router. This is most likely a customer in the area running a wireless network in their home.

[PowerBeam M2 400] - Site Survey - Mozilla Firefox

https://192.168.1.20/survey.cgi?mode=tool

Site Survey

Scanned Frequencies:
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz

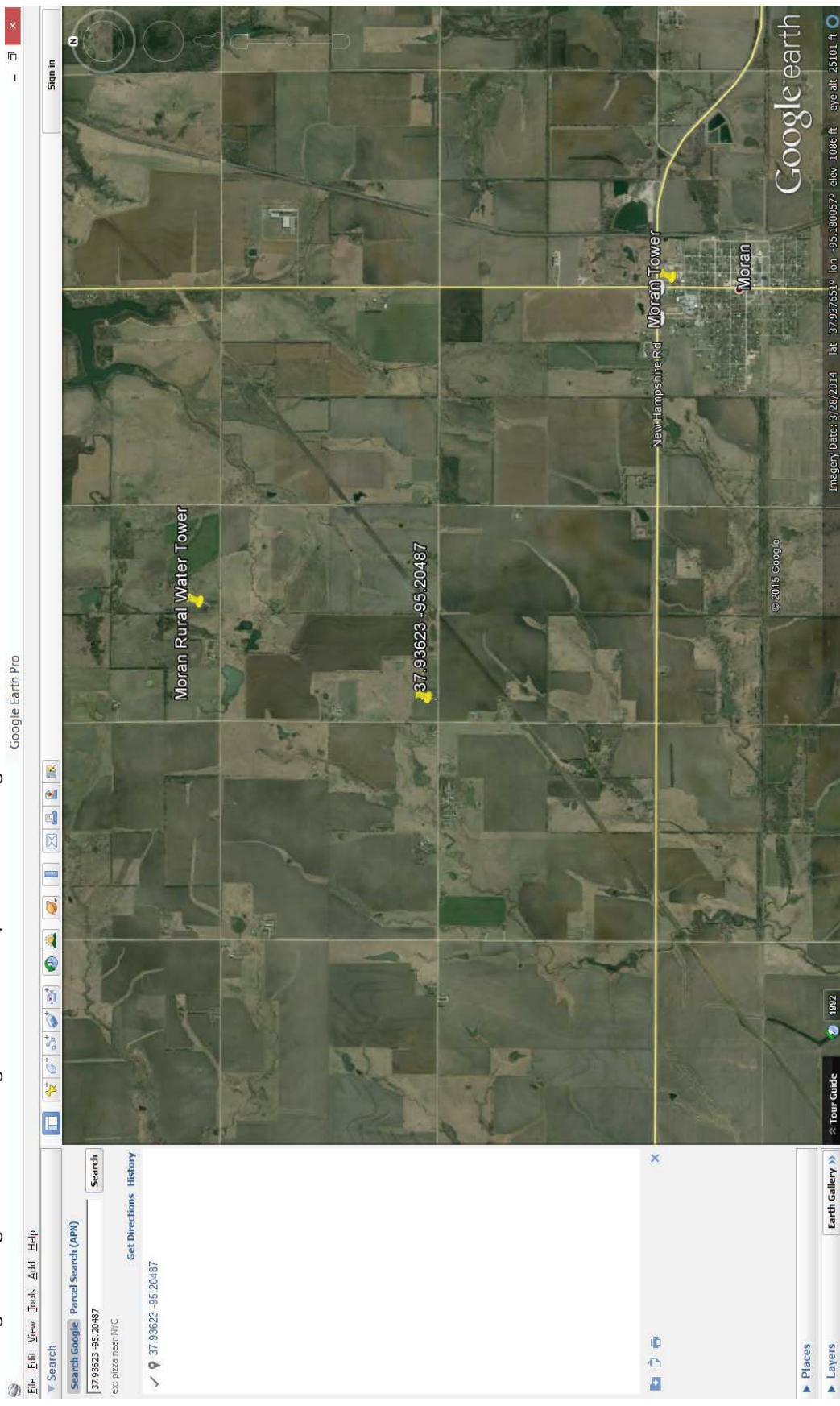
MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
EC:1A:59:AB:49:93		Router		-91 / -96	2.462 / 11

Scan

1.4. MORAN TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the Moran Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs.



Below is a screenshot of the scanning results using a NanoBridge M5 pointing at the Moran Tower. The CPE was held 7' above the ground from the back of a pickup. Several KwiKom SSIDs were identified.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey". It includes a section titled "Scanned Frequencies:" followed by a long list of frequencies:

```
5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz  
5.235GHz 5.24GHz 5.245GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.5GHz  
5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.56GHz 5.565GHz 5.57GHz  
5.575GHz 5.58GHz 5.585GHz 5.6GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.745GHz 5.75GHz  
5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz  
5.83GHz 5.835GHz 5.84GHz
```

Below this is a table titled "Scanned Networks" with columns: MAC Address, SSID, Device Name, Radio Mode, Encryption, Signal / Noise, dBm, and Frequency, GHz / Channel. The table lists four entries:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:15:6D:64:81:3B	kwi-kincaid-moran-bh	00156D64813B	802.11a		-89 / -93	5.32 / 64
DC:9F:DB:30:7B:49	elsmore-moran2	Moran PWWSD -	802.11n airMAX		-80 / -92	5.5 / 100
44:D9:E7:24:04:D3	kwi-moran-5g-AP-o	McAdam 5g AP O	802.11n airMAX		-86 / -90	5.84 / 168

A "Scan" button is located at the bottom right of the table area.

Below is a second screenshot of the scan results using the NanoBridge M5.

The screenshot shows a Firefox browser window titled "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL <https://192.168.1.20/survey.cgi?mode=tool>. The main content area is titled "Site Survey".

Scanned Frequencies:

- 5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz
- 5.235GHz 5.24GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.325GHz 5.33GHz
- 5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.555GHz 5.56GHz 5.565GHz 5.565GHz 5.57GHz
- 5.575GHz 5.58GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz
- 5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz
- 5.83GHz 5.835GHz 5.84GHz

Table of Wireless Access Points:

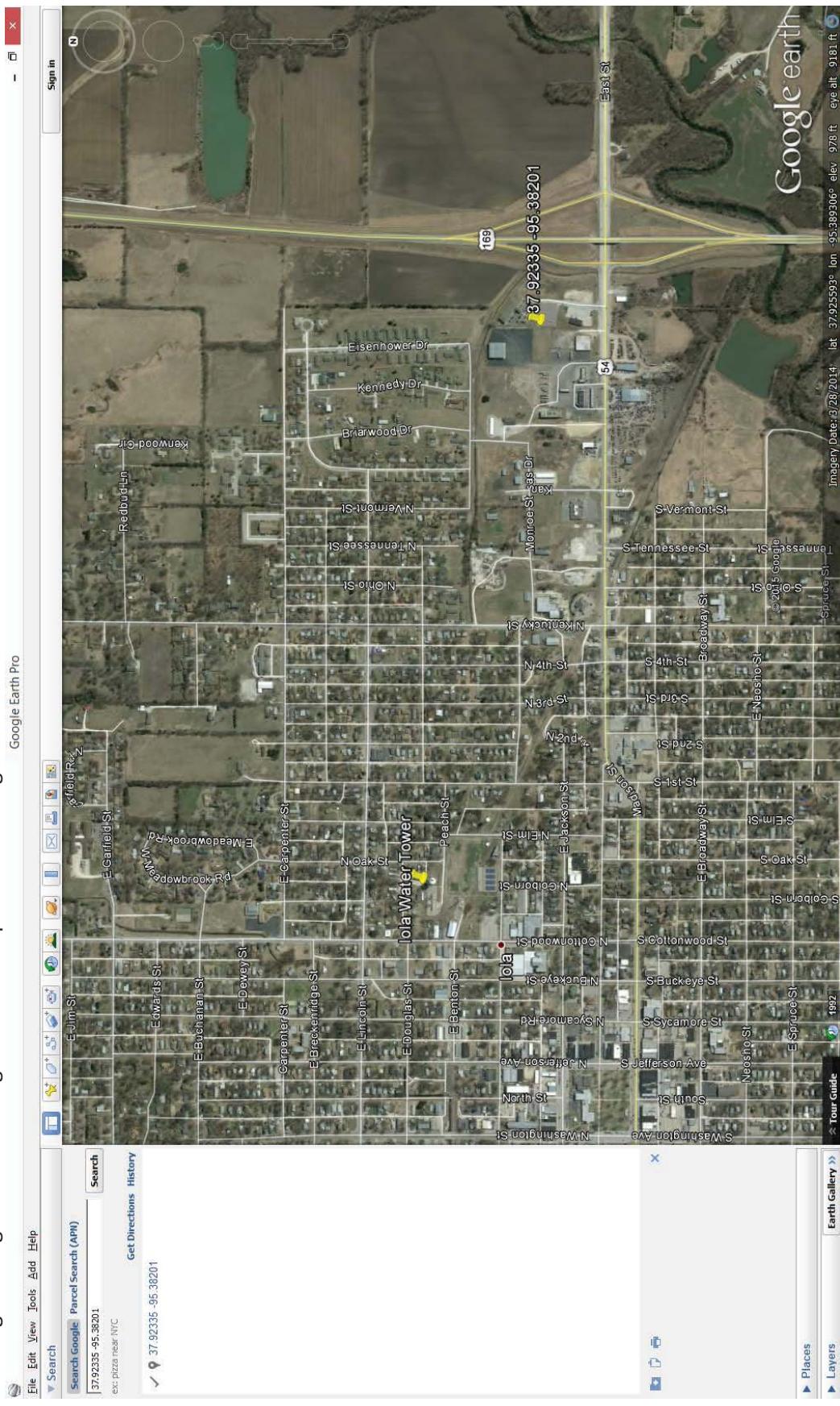
MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:15:6D:64:81:3B	kwi-kincaid-moran-bh	00156D64813B	802.11a		-81 / -94	5.32 / 64
44:D9:E7:24:04:D3	kwi-moran-5g-AP-o	McAdam 5g AP O	802.11n airMAX		-87 / -90	5.84 / 168

Scan

1.5. IOLA WATER TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the Iola Water Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs.



Using the NanoBridge M5, scans for SSIDs were performed while pointing the CPE toward the Iola Water Tower. Below is a screenshot of the results. Two KwiKom SSIDs were identified.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey". It includes a "Scanned Frequencies" section listing various 5 GHz bands from 5.16GHz to 5.83GHz. Below this is a table showing two entries:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
DC:9F:DB:30:7B:D3	kwi-iola-oak-5.4-new3	SE 5.4 Sector	802.11n airMAX		-82 / -92	5.16 / 32
DC:9F:DB:30:7B:23	kwi-iola-oak-5.4-new2	Oak 5.4AP Nort	802.11n airMAX		-80 / -91	5.765 / 153

A "Scan" button is located at the bottom right of the table area.

Using the PowerBeam M2, scans for SSIDs were performed. No KwiKom SSIDs were identified.

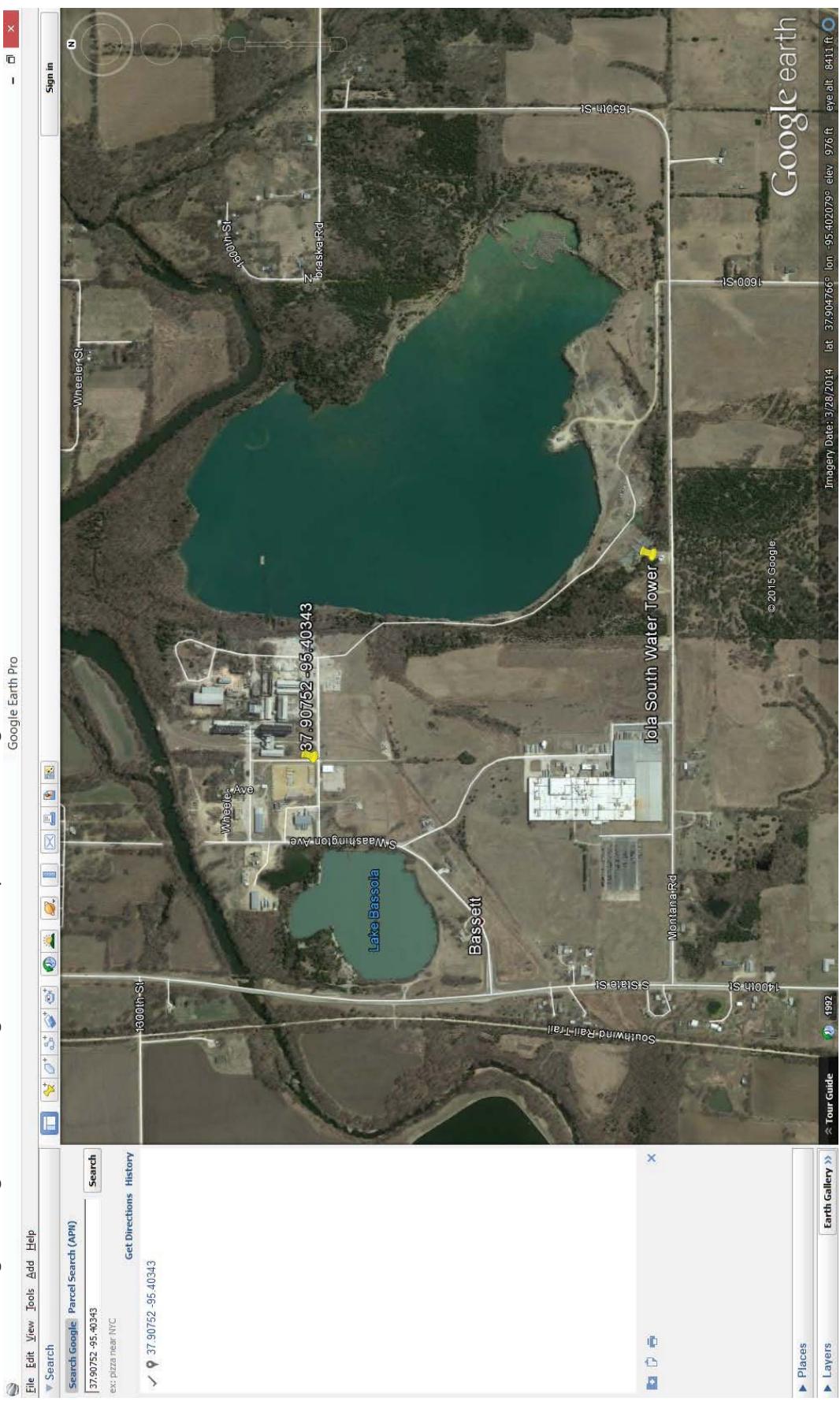
Site Survey					
Scanned Frequencies.					
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz					
MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency GHz / Channel
00:02:6F:BC:BA:5F	Super_8			-88 / -89	2.412 / 1
00:02:6F:BC:BA:65	Super_8			-88 / -90	2.417 / 2
00:15:6D:9C:B8:28	oak			-63 / -89	2.432 / 5
B8:A3:86:8F:FB:74	jpst			-84 / -89	2.432 / 5
00:27:22:84:7C:11	Jumpstart1			-71 / -86	2.447 / 8
00:15:6D:9C:B8:28	oak			-64 / -89	2.432 / 5
00:15:6D:7A:17:FE	miller			-92 / -96	2.442 / 7
00:13:10:46:16:FA	linksys			-92 / -96	2.437 / 6
64:55:B1:8D:B3:40	ATT456			-80 / -88	2.412 / 1
00:30:44:14:2E:14	Linksys			-80 / -90	2.417 / 2
88:DC:96:1E:57:96	V-OLA			-71 / -90	2.462 / 11
90:3E:AB:5B:2D:B0	ATT504			-82 / -90	2.462 / 11
CC:E1:D5:6D:48:70	eydshome			-89 / -96	2.412 / 1
00:38:EF:2E:46:FD	E246FD			-91 / -96	2.412 / 1
98:2C:BE:F7:2A:9A	ATT735			-91 / -96	2.437 / 6
10:00:D7:FB:B2:65	DBB265			-91 / -96	2.412 / 1
78:96:84:B2:65:90	ATT440			-93 / -96	2.412 / 1
9C:AD:97:E2:17:40	DWV326_E21740-2.4G			-91 / -96	2.412 / 1
58:56:E8:82:86:80	ATT958			-86 / -90	2.462 / 11
4C:5E:0C:EF:34:CD	Sprubow		4C5E0CEF34CD	-92 / -96	2.412 / 1
10:00:D7:DF:AA:80	DFA280			-88 / -90	2.462 / 11
08:86:3B:31:D3:B2	belkin_3b2			-91 / -96	2.417 / 2
90:B1:34:A1:E7:90	ATT944			-91 / -96	2.412 / 1
10:00:D7:60:08:1A	NETGEAR24			-91 / -96	2.417 / 2
E8:40:F2:CC:AA:43	ccaa43			-90 / -96	2.412 / 1

Scan

1.6. IOLA SOUTH WATER TOWER

SSID Identification Scanning

At the location shown below, testing was performed for visible SSIDs from the Iola South Water Tower. This location had line of sight to the tower while standing on the ground. Scanning for SSIDs was performed using both CPEs.



Places
Layers

Earth Gallery

Tour Guide

Imagery Date: 3/28/2014

lat: 37.904766°

lon: -95.402079°

elev: 976 ft

eye alt: 841 ft

Google earth

Using the PowerBeam M2, scans for SSIDs were performed while pointing toward the Iola South Water Tower. Below are the results of the scan. No KwikKom SSIDs were identified.



The screenshot shows a Mozilla Firefox browser window with the title "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool". The main content area displays a table titled "Scanned Frequencies" with the following data:

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
F4:4E:05:D0:A7:40				-90 / -90	2.412 / 1
7C:95:F3:06:AD:10				-88 / -90	2.412 / 1
7C:95:F3:06:AD:16	gates			-88 / -90	2.412 / 1
7C:95:F3:06:AD:11				-88 / -90	2.412 / 1
7C:95:F3:06:AD:13				-88 / -90	2.412 / 1
F4:4E:05:D0:A7:41				-90 / -90	2.412 / 1
F4:4E:05:D0:A7:46	gates			-92 / -96	2.412 / 1
6C:CA:08:53:C8:F0	AT11256			-91 / -96	2.437 / 6
D4:6D:50:89:B4:63				-85 / -91	2.462 / 11
D4:6D:50:89:B4:60				-86 / -91	2.462 / 11
D4:6D:50:89:B4:66	gates			-85 / -91	2.462 / 11
D4:6D:50:89:B4:61				-85 / -90	2.462 / 11
F4:4E:05:D0:A7:43				-91 / -96	2.412 / 1
7C:95:F3:06:AD:10	tk5-wlan-D1			-88 / -90	2.412 / 1
DC:A5:F4:9C:AB:D3				-91 / -96	2.437 / 6
DC:A5:F4:9C:AB:D6	gates			-93 / -96	2.437 / 6
A0:EC:F9:71:B6:C6				-92 / -96	2.462 / 11
A0:EC:F9:71:B6:C1				-91 / -96	2.462 / 11
A0:EC:F9:71:B6:C3				-91 / -91	2.462 / 11
A0:EC:F9:71:B6:C0				-90 / -91	2.462 / 11
DC:A5:F4:9C:AB:D0				-92 / -96	2.437 / 6
DC:A5:F4:9C:AB:D0	tk5-wlan-D1			-93 / -96	2.437 / 6
DC:A5:F4:9C:AB:D1	loapsid036			-93 / -96	2.437 / 6
00:02:6F:BA:B3:78				-93 / -96	2.437 / 6
F4:4E:05:D0:A7:40	tk5-wlan-D1			-91 / -96	2.412 / 1
F4:4E:05:D0:A7:42	loapsid036			-91 / -96	2.412 / 1
7C:95:F3:06:AD:12				-88 / -90	2.412 / 1
D4:6D:50:89:B4:62	loapsid036			-86 / -90	2.462 / 11
DC:A5:F4:9C:AB:D2				-92 / -96	2.437 / 6
A0:EC:F9:71:B6:C2	loapsid036			-91 / -96	2.462 / 11

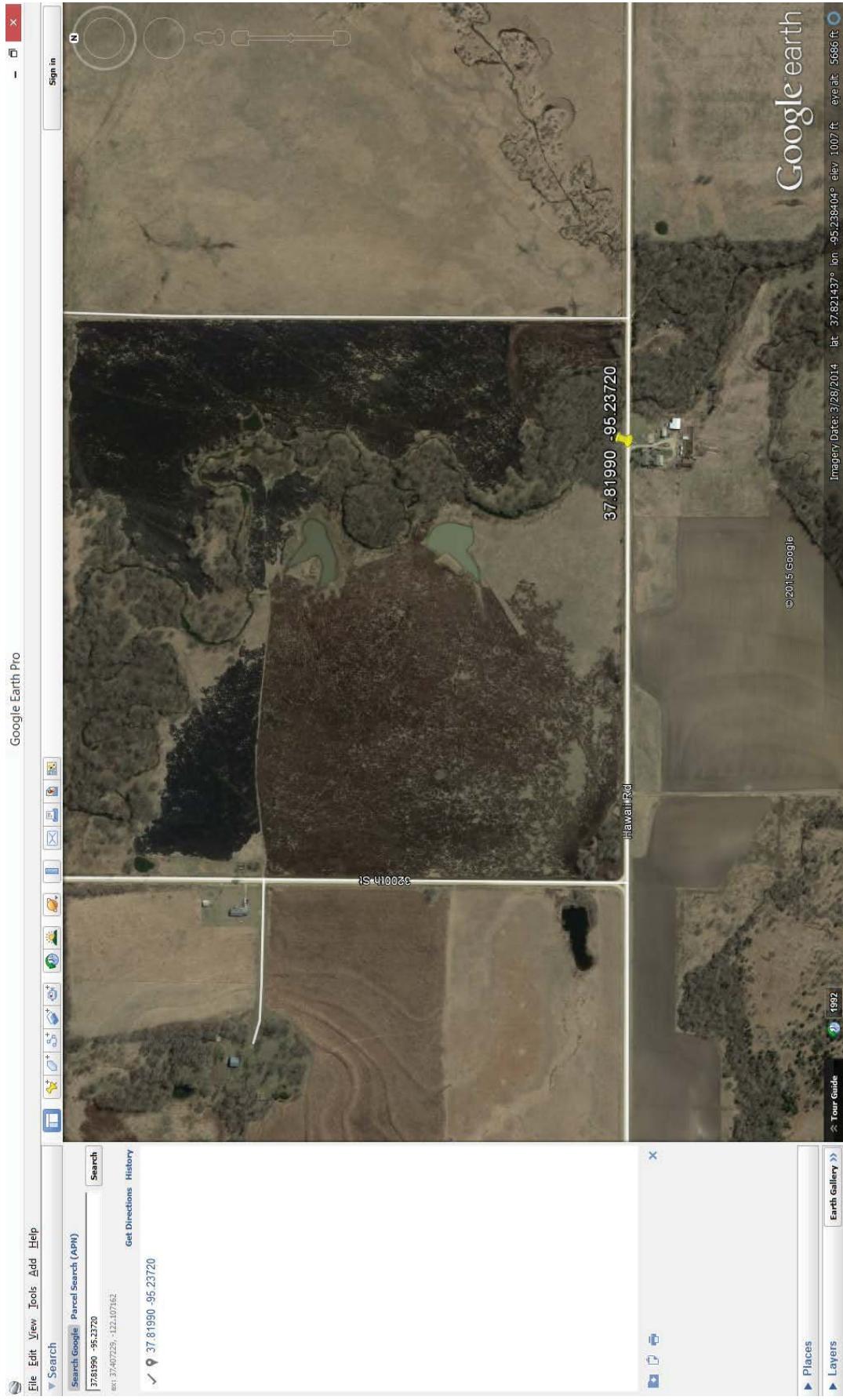
No SSIDs were found when scanning using the NanoBridge M5 pointing at the South Iola Water Tower.

2. POTENTIAL CUSTOMER LOCATION

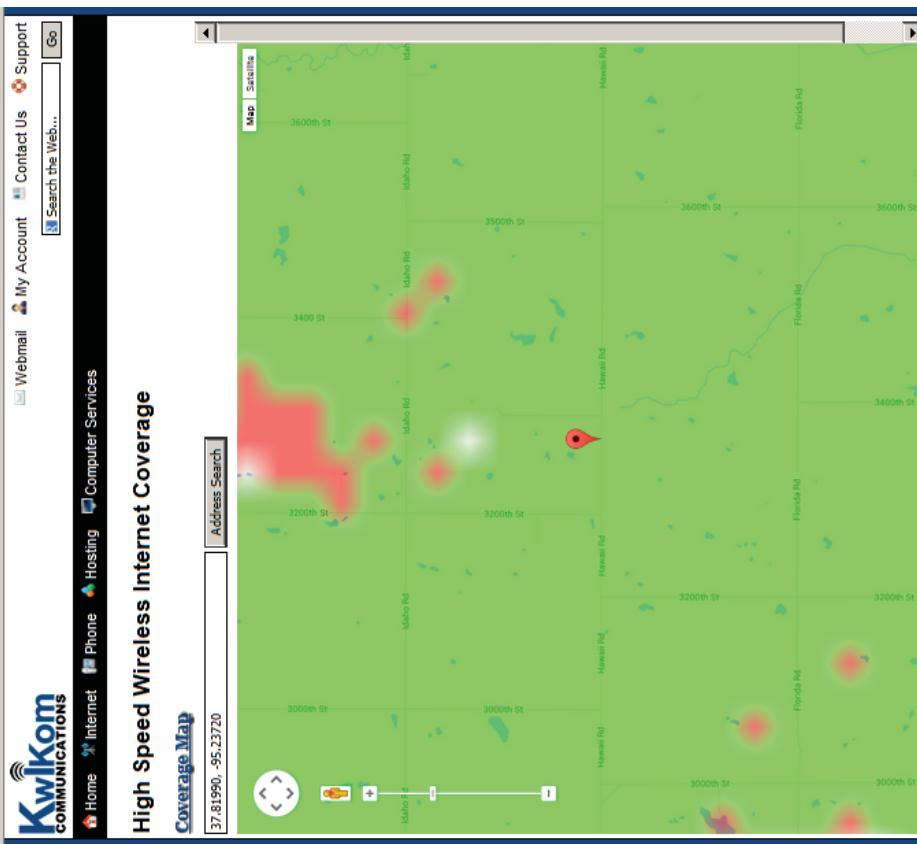
This section contains addresses, GPS coordinates, and test results for household locations within the LaHarpe Telephone exchange boundary where tests were performed and no KwiKom SSID was identified.

2.1. 3361 HAWAII ROAD, ELSMORE, KS 66732

Below is the location where scans were performed at a household inside the LaHarpe study area to determine if any KwikKom SSIDs could be found.



Below is a screenshot of the KwiKom website showing the same location on the KwiKom coverage map. This screenshot was taken on Sept. 10, 2015. The coverage map shows this location to be in the green coverage area. No KwiKom SSIDs were found at this location.



Below are the results of scanning for SSIDs using the PowerBeam M2. The CPE was mounted on a fiberglass pole 20' in length and held near the home. The CPE was pointed toward the Elsmore Water Tower during the scanning. No KwiKom SSIDs were found.

The screenshot shows a Firefox browser window with the title "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey" and includes a section titled "Scanned Frequencies" which lists "2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz".

A table is displayed with the following columns: MAC Address, SSID, Device Name, Encryption, Signal / Noise, dBm, and Frequency, GHz / Channel. The data in the table is as follows:

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
B4:75:0E:97:E8:73	Trena-guest			-60 / -89	2.462 / 11
B4:75:0E:97:E8:71	Trena			-60 / -89	2.462 / 11

A blue "Scan" button is located at the bottom right of the table area.

The same test was performed using the NanoBridge M5. The CPE was mounted to the 20' fiberglass pole and pointed toward the Elsmore Water Tower. No KwiKom SSIDs were found.

[NanoBridge M5] - Site Survey - Mozilla Firefox

https://192.168.1.20/survey.cgi?mode=tool

Site Survey

Scanned Frequencies:

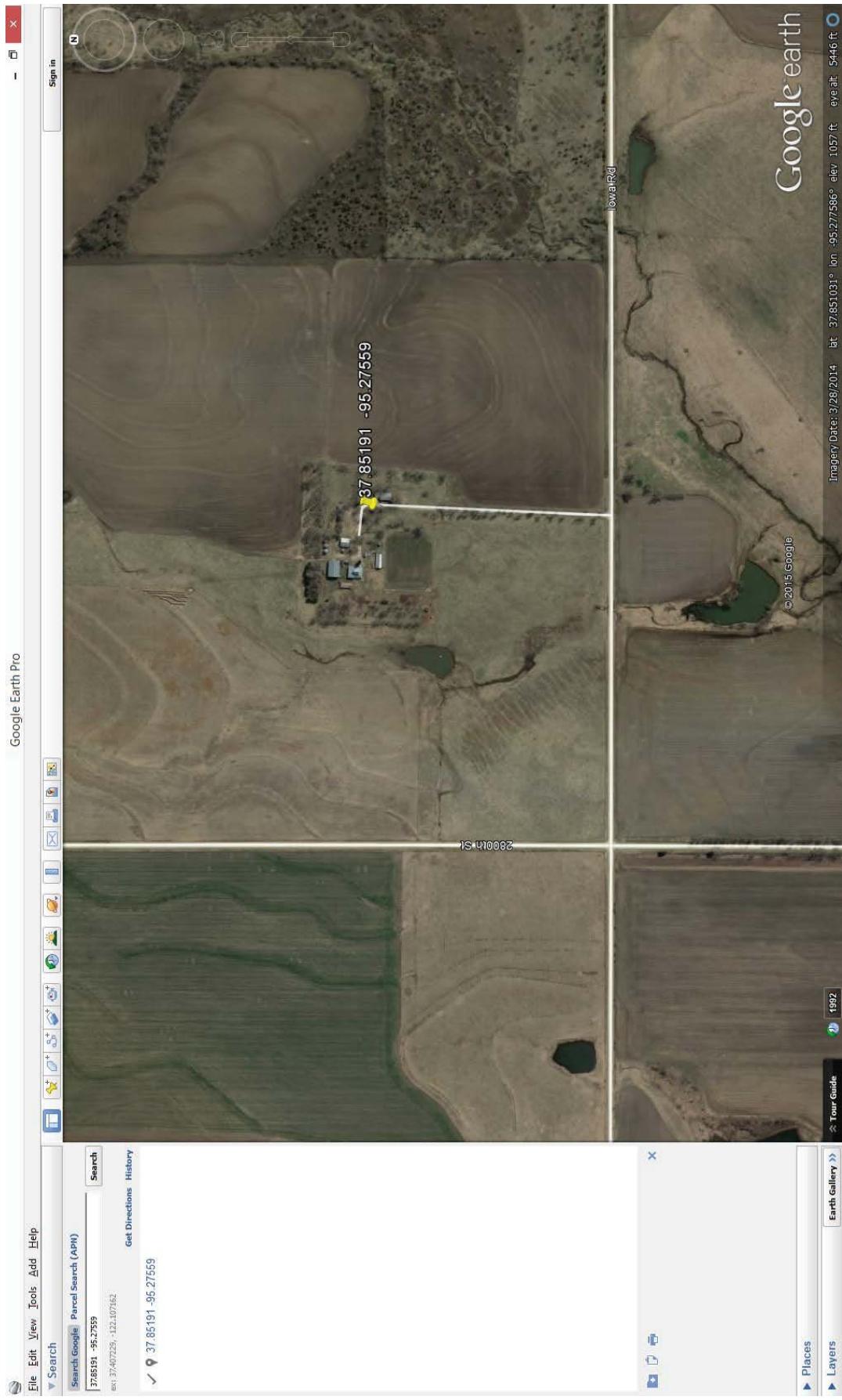
5.16GHz 5.165GHz 5.17GHz 5.175GHz 5.18GHz 5.185GHz 5.19GHz 5.195GHz 5.2GHz 5.205GHz 5.21GHz 5.215GHz 5.22GHz 5.225GHz 5.23GHz
5.235GHz 5.24GHz 5.245GHz 5.265GHz 5.27GHz 5.275GHz 5.28GHz 5.285GHz 5.29GHz 5.295GHz 5.3GHz 5.305GHz 5.31GHz 5.315GHz 5.32GHz 5.5GHz
5.505GHz 5.51GHz 5.515GHz 5.52GHz 5.525GHz 5.53GHz 5.535GHz 5.54GHz 5.545GHz 5.55GHz 5.555GHz 5.56GHz 5.565GHz 5.57GHz
5.575GHz 5.58GHz 5.585GHz 5.6GHz 5.66GHz 5.665GHz 5.67GHz 5.675GHz 5.68GHz 5.685GHz 5.69GHz 5.695GHz 5.7GHz 5.735GHz 5.74GHz 5.745GHz 5.75GHz
5.755GHz 5.76GHz 5.765GHz 5.77GHz 5.775GHz 5.78GHz 5.785GHz 5.79GHz 5.795GHz 5.8GHz 5.805GHz 5.81GHz 5.815GHz 5.82GHz 5.825GHz
5.83GHz 5.835GHz 5.84GHz

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
B4:75:0E:97:E8:72	Trena		802.11n		-71 / -89	5.745 / 149

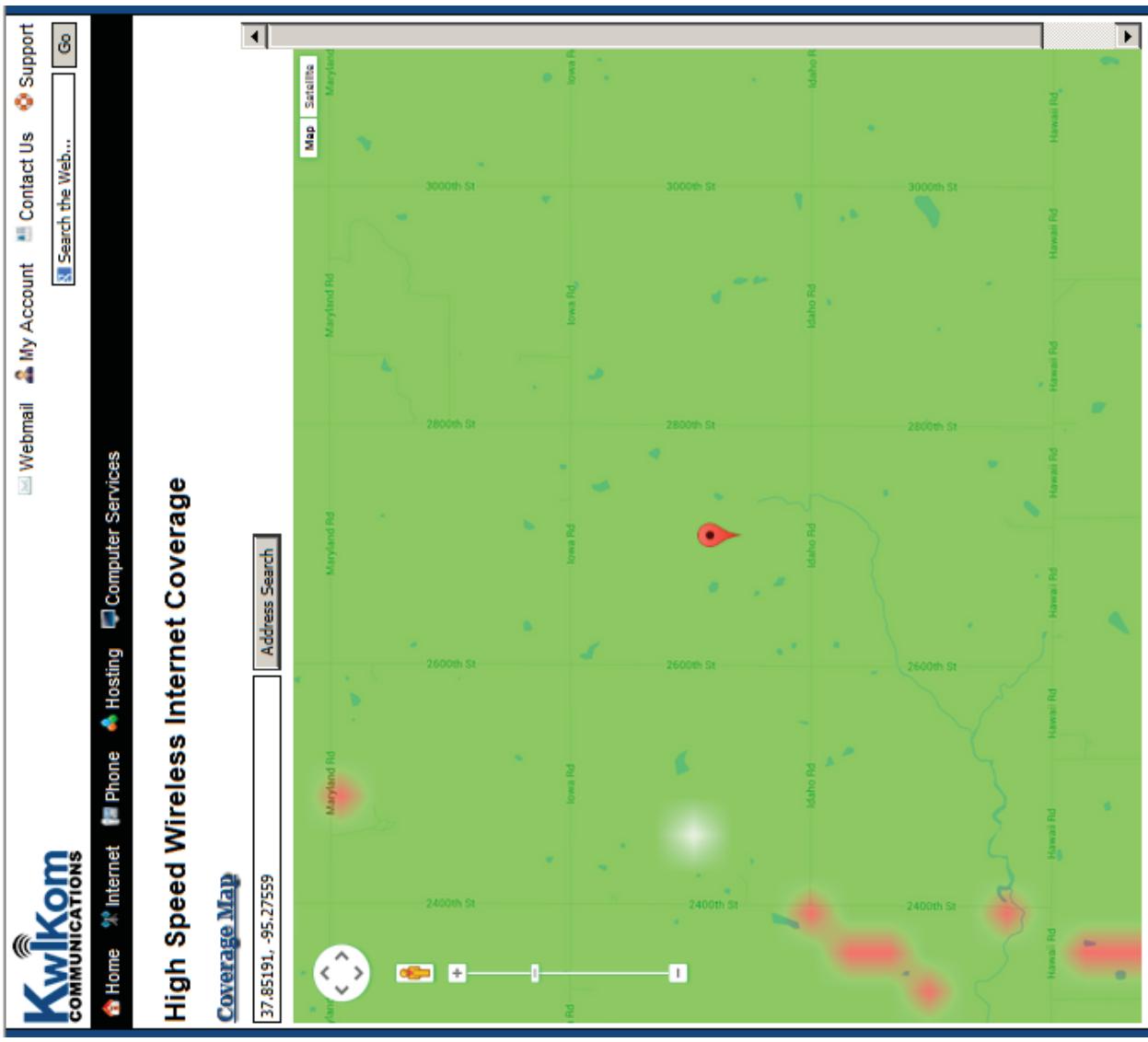
Scan

2.2. 2850 IOWA ROAD, KS, 66751

Below is the testing location.



The screenshot below was taken from KwikKom's website on Sept. 10, 2015 showing the testing location to be in the green coverage area. No KwikKom SSIDs were found at this location.

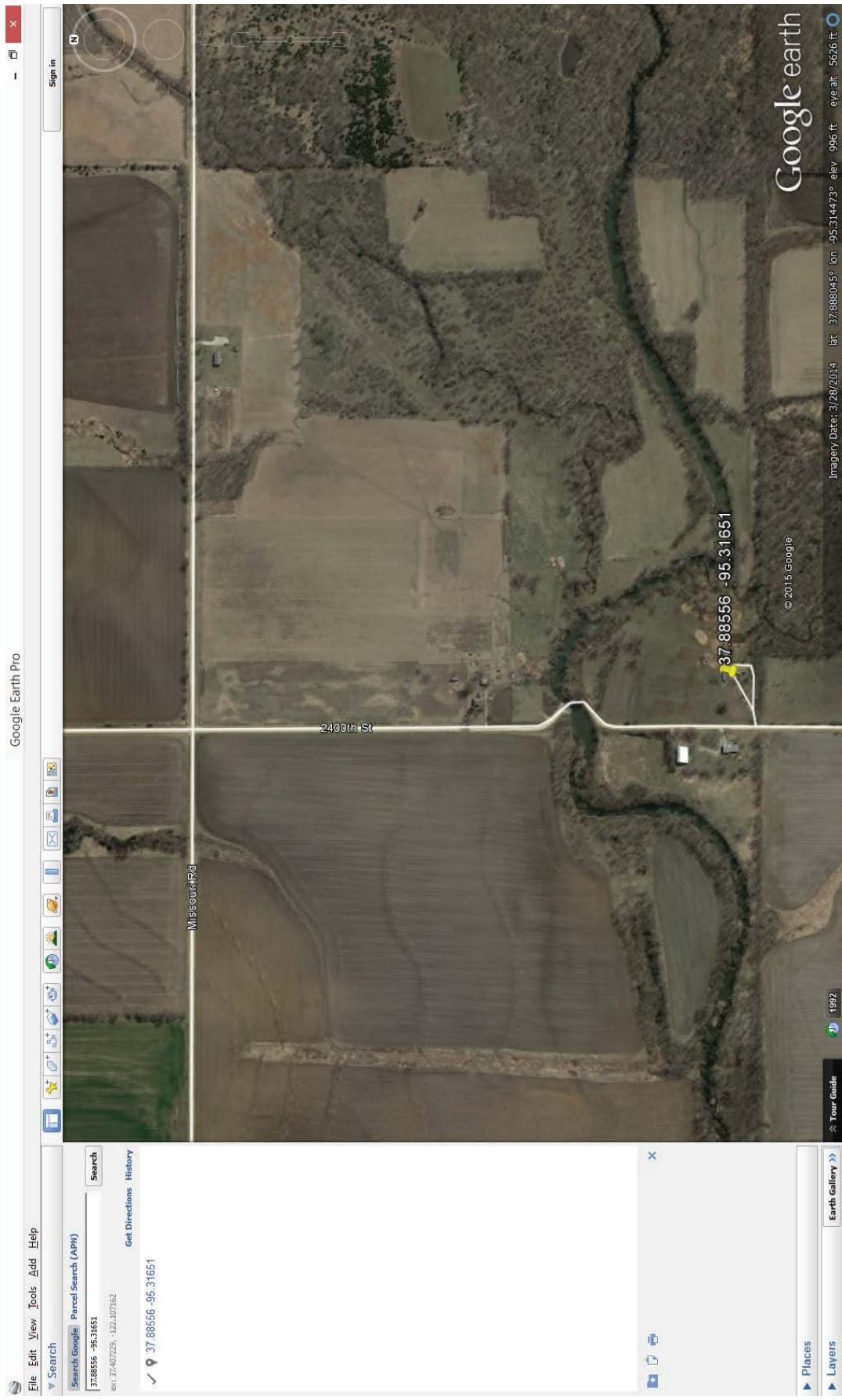


Using the NanoBridge M5 mounted to the fiberglass at 20' above the ground to scan for SSIDs, several scans were performed while pointing the CPE toward the Moran, Elsmore and LaHarpe transmitter locations. No KwiKom SSIDs were found.

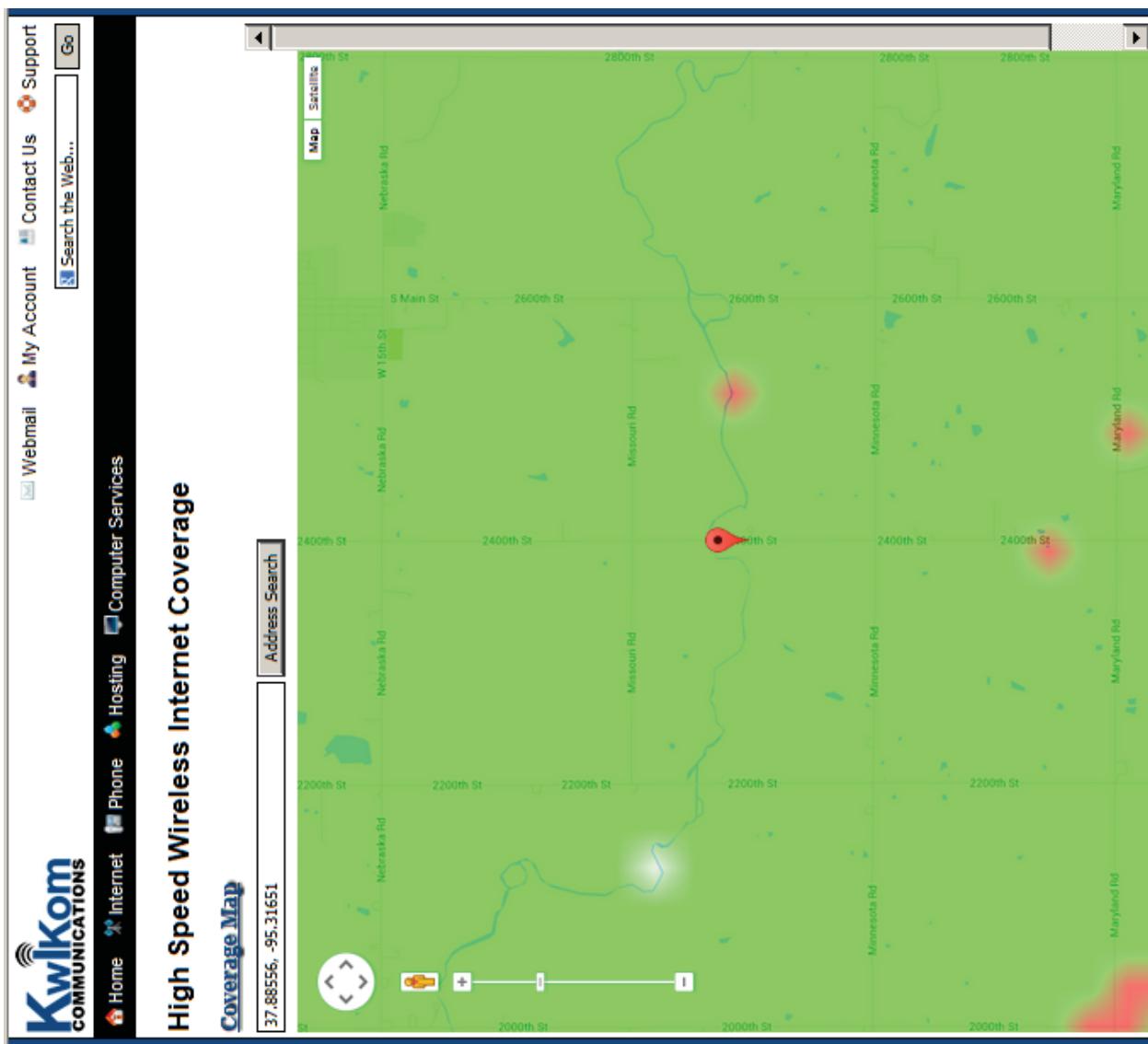
The same test was performed using the PowerBeam M2. It was mounted at the top of the 20' fiberglass pole. Several scans were made while pointing toward the Elsmore, Moran and LaHarpe transmitter locations. No KwiKom SSIDs were found.

2.3. 1051 2400TH STREET, LAHARPE, KS 66751

Below is the location of the household that was tested.



Below is a screenshot of the KwiKom coverage map on their website taken on Sept. 10, 2015. The testing location is in the green coverage area. No KwiKom SSIDs were found at this location.



Using the NanoBridge M5 mounted at the top of the 20' fiberglass pole, scans for SSIDs were performed while pointing at the LaHarp Water Tower, Iola Water Tower and Iola South Water Tower. No KwiKom SSIDs were found at this location.

The same test was performed with the PowerBeam M2 mounted at the top of the 20' fiberglass pole. No KwiKom SSIDs were found.

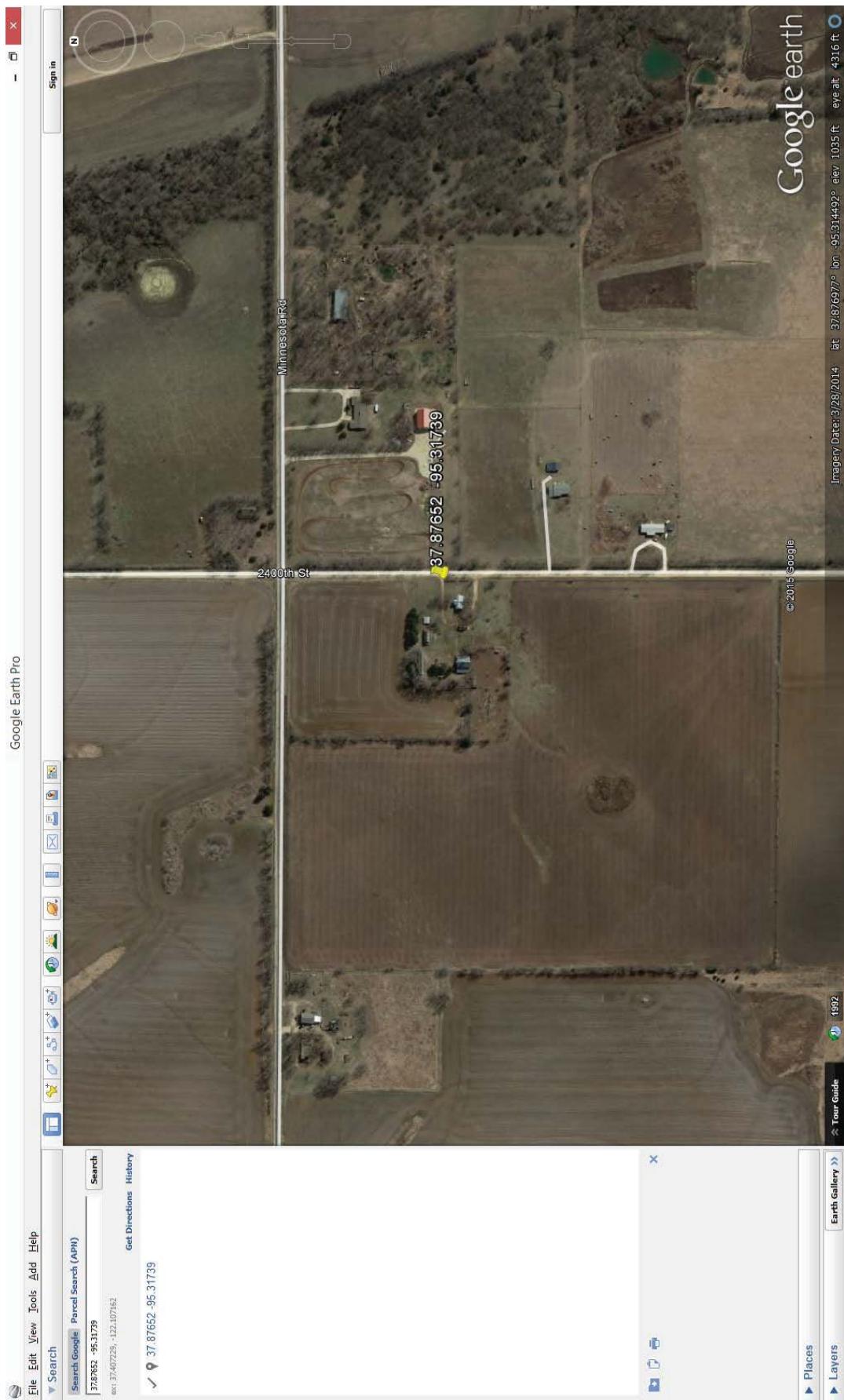
The screenshot shows a Firefox browser window with the following details:

- Title Bar:** [PowerBeam M2 400] - Site Survey - Mozilla Firefox
- Address Bar:** https://192.168.1.20/survey.cgi?mode=tool
- Content Area:**
 - Section Headers:** Site Survey, Scanned Frequencies.
 - Scanned Frequencies:** 2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz
 - Table:** A table showing wireless network information.

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:22:75:14:48:75	Belkin_G+MIMO_Wireless_144875			-91 / -96	2.437 / 6
 - Buttons:** Scan (highlighted in blue).

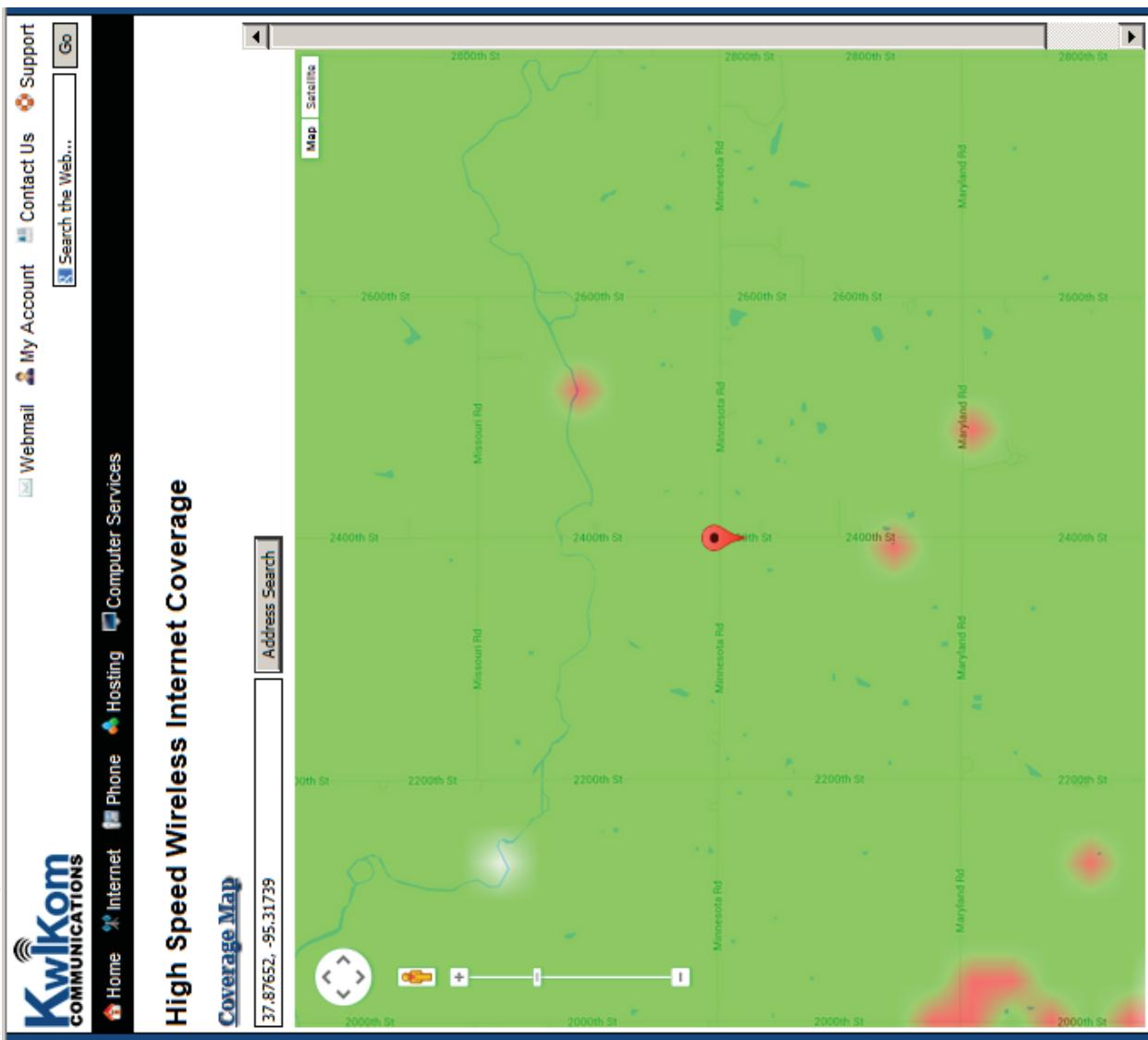
2.4. 986 2400TH STREET, IOLA, KS 66749

Below is the testing location of the household.



Google earth

Below is a screenshot of the coverage map on KwiKom's website taken on Sept. 10, 2015. The coverage map shows the testing location to be in the green coverage area. No KwiKom SSIDs were found at this location.



Using the PowerBeam M2 mounted at the top of the 20' fiberglass pole, scans for SSIDs were performed. Below is a screenshot of the scan results. No KwiKom SSID was found.

The screenshot shows a Mozilla Firefox browser window with the title "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". The address bar shows the URL <https://192.168.1.20/survey.cgi?mode=tool>. The main content area is titled "Site Survey" and contains a table with the following data:

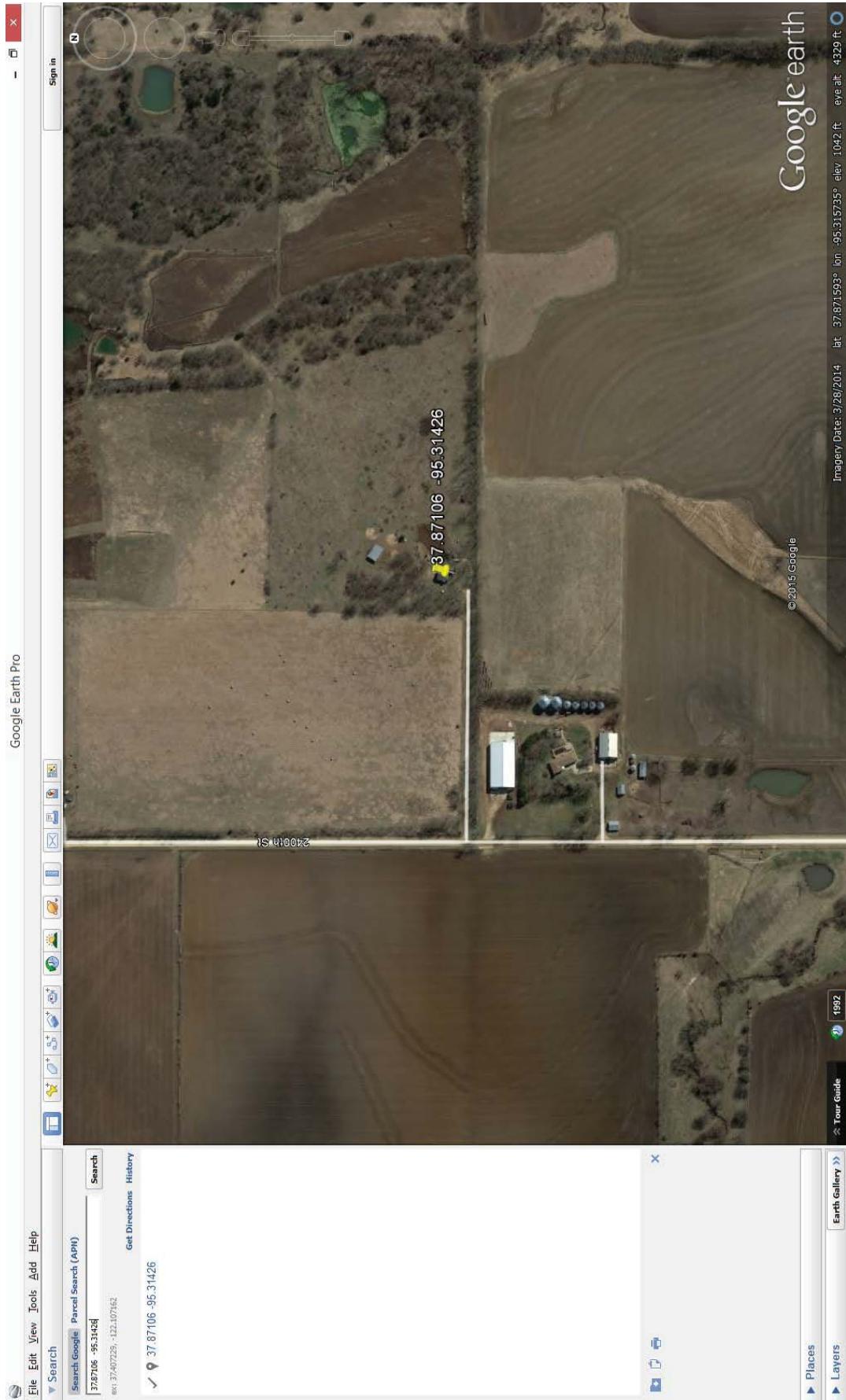
MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:15:6D:7A:17:FE		miller		-95 / -96	2.442 / 7
84:1B:5E:47:8E:F2	NETGEAR17_EXT			-73 / -86	2.437 / 6
80:37:73:CF:A1:E8	NETGEAR17			-86 / -86	2.437 / 6

At the bottom right of the table is a blue "Scan" button.

The same test was performed using the NanoBridge M5 mounted on top of the 20' fiberglass pole. No SSIDs were found.

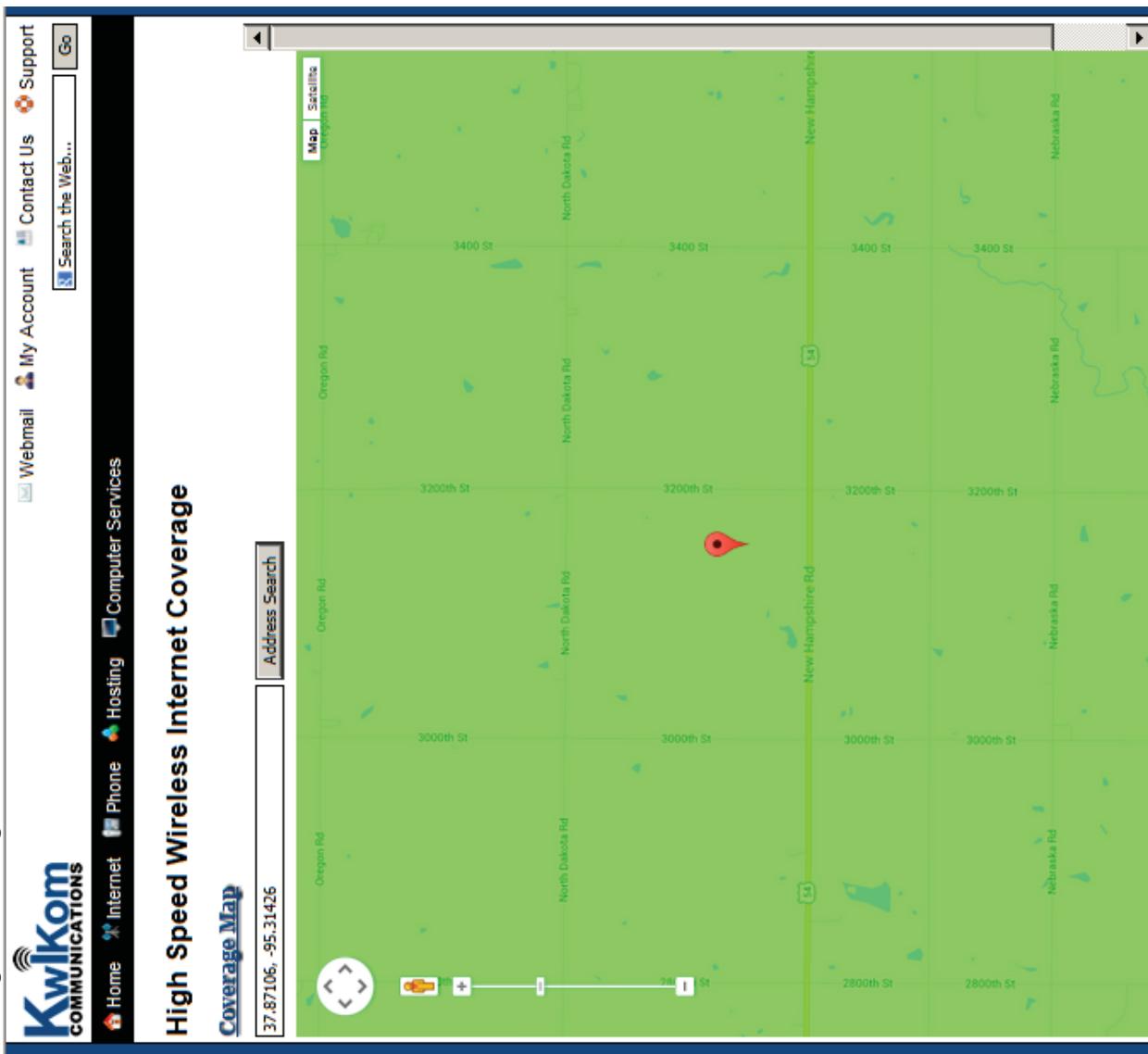
2.5. 949 2400TH STREET, IOLA, KS 66749

Below is the location of the household that was tested.



Google earth

Below is a screenshot of the testing location on KwiKom's online coverage map on their website take on Sept. 10, 2015. It shows the location to be in the green coverage area. No KwiKom SSID was found at this location.



Using the NanoBridge M5 mounted on top of a 20' fiberglass pole, scans for SSIDs were performed while pointing towards LaHarpe and Iola transmitter locations. Below is a screenshot of the results. No KwiKom SSID was found.

The screenshot shows a Mozilla Firefox browser window with the title "[NanoBridge M5] - Site Survey - Mozilla Firefox". The address bar contains the URL "https://192.168.1.20/survey.cgi?mode=tool".

The main content area is titled "Site Survey". It includes a "Scanned Frequencies" section listing various 5GHz bands from 5.16GHz to 5.83GHz. Below this is a table with the following data:

MAC Address	SSID	Device Name	Radio Mode	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
58:6D:8F:DC:1C:F5	HappyCat		802.11n		-77 / -89	5.745 / 149

A blue "Scan" button is located on the right side of the table.

Using the PowerBeam M2 mounted at the top of a 20' fiberglass pole, scans for SSIDs were performed pointing toward LaHarpe and iola transmitter locations. No Kwikom SSIDs were found. Below is a screenshot of the results.

[PowerBeam M2 400] - Site Survey - Mozilla Firefox

https://192.168.1.20/survey.cgi?mode=tool

Site Survey

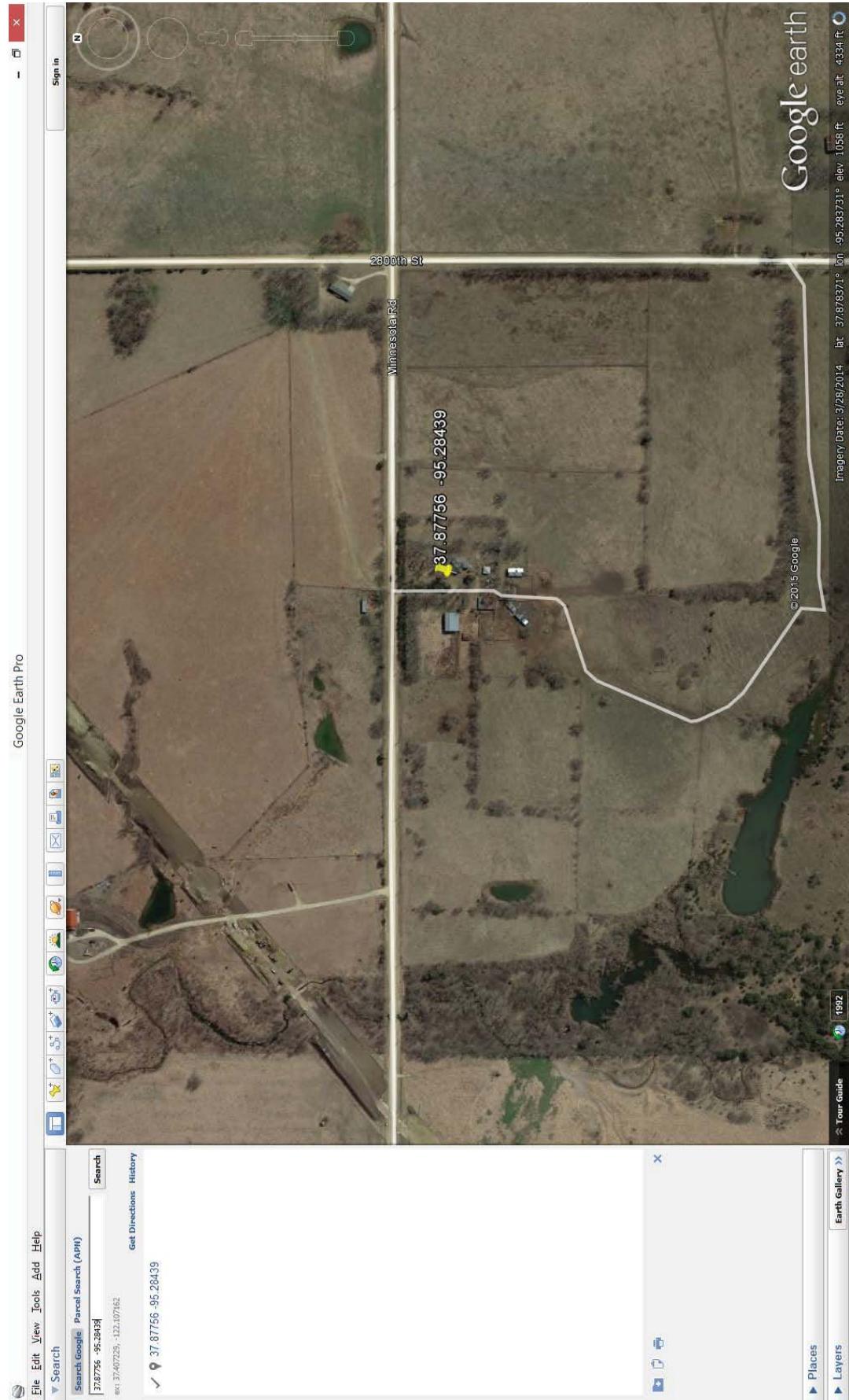
Scanned Frequencies:
2.412GHz 2.417GHz 2.422GHz 2.427GHz 2.432GHz 2.437GHz 2.442GHz 2.447GHz 2.452GHz 2.457GHz 2.462GHz

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
58:6D:8F:DC:1C:F6	HappyCat-guest			-78 / -87	2.412 / 1
00:15:6D:E6:AC:F1	ch2ua	Chanute2ua		-92 / -96	2.412 / 1
00:15:6D:E6:AD:A7	ch2vb	ch2vb		-86 / -96	2.427 / 4
00:15:6D:9C:B8:28		oak		-91 / -96	2.432 / 5
00:15:6D:7A:17:FE		miller		-92 / -96	2.442 / 7
00:15:6D:9C:B8:28	iola	oak		-92 / -96	2.432 / 5
58:6D:8F:DC:1C:F4	HappyCat			-77 / -87	2.412 / 1
88:51:FB:0E:EF:98	HP-Print-98-Deskjet 3510 series			-76 / -87	2.412 / 1
10:6F:3F:14:F7:A5	106F3F14F7A5			-82 / -87	2.412 / 1

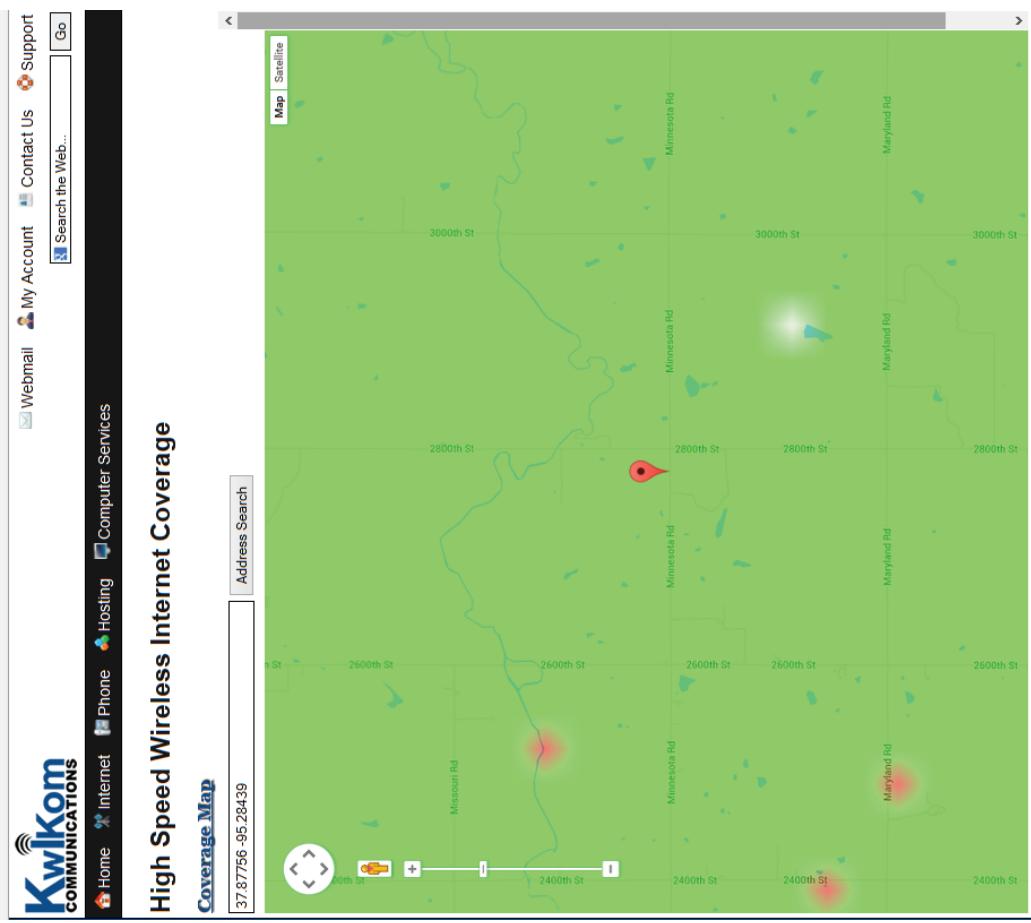
Scan

2.6. 2761 MINNESOTA ROAD, LAHARPE, KS 66751

Below is the testing location of the household.



Below is a screenshot captured of the testing location on KwiKom's online coverage map. The screenshot was captured on Sept. 11, 2015. The coverage map shows the testing location to be in the green coverage area. No KwiKom SSIDs were found.



Using the PowerBeam M2 mounted to the top of a 20' fiberglass pole, scans for SSIDs were performed while pointing toward the LaHarpe and Iola transmitter locations. No KwiKom SSIDs were found. Below is a screenshot of the SSIDs found when pointing toward Iola.

The screenshot shows a Mozilla Firefox browser window with the title "[PowerBeam M2 400] - Site Survey - Mozilla Firefox". The address bar shows the URL <https://192.168.1.20/survey.cgi?mode=tool>. The main content area is titled "Site Survey" and "Scanned Frequencies". A table lists the following data:

MAC Address	SSID	Device Name	Encryption	Signal / Noise, dBm	Frequency, GHz / Channel
00:15:6D:7A:17:FE	iola/miller	miller	[redacted]	-94 / -96	2.442 / 7
00:15:6D:9C:B8:28	oak	oak	[redacted]	-92 / -96	2.432 / 5

A progress bar labeled "Scanning..." is shown below the table, with several blue squares indicating progress. A "Scan" button is located at the bottom right of the table area.

Using the NanoBridge M5 mounted to the top of a 20' fiberglass pole, scans for SSIDs were performed while pointing toward LaHarpe and Iola transmitter locations. No SSIDs were found.